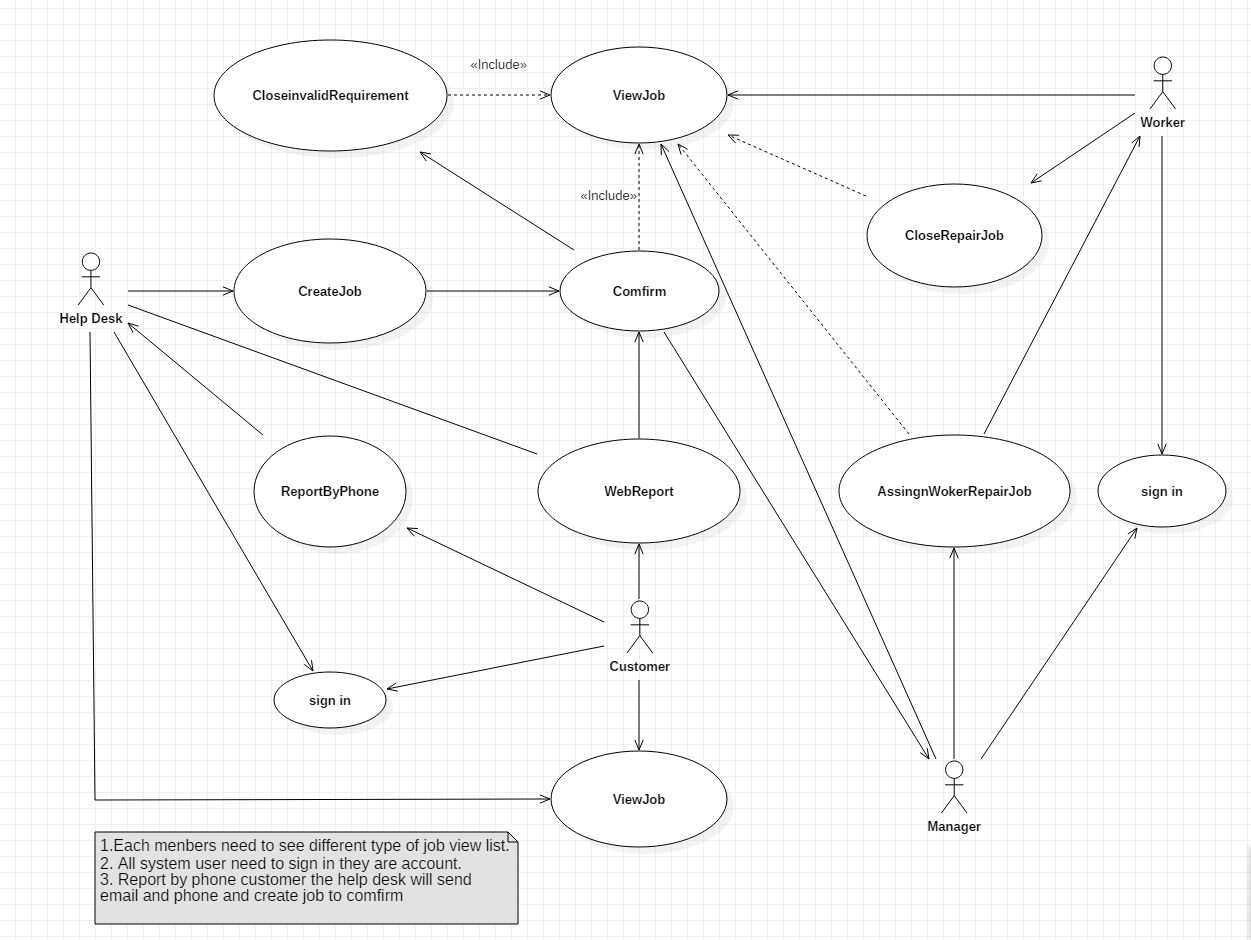
**Toyota Outlets Car Repair System—**Assignment1 158.751 Team Project

Team Member: Student Name +Student ID /Student Name +Student ID

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* 1. Use Case: Confirm -Typical Flow of Events

|  |  |
| --- | --- |
| Actor Intentions | System Responsibility |
| 1. Customer Sign in website report system(Add customer name, Car plates, ) | 1. System presents customer information(Car repair history) |
| 1. Customer create car repair request.(Car plates, Customer name, choose repair outlets, shortest problem description ) |  |
| 1. Customer sent car repair request by phone to Help Desk, Help Desk will email and phone to customer and create job in system(Car plates, Customer name, choose repair outlets, shortest problem description) | 1. System received request and car status and go to view job list to verify if there is a duplicate declaration. |
|  | 1. If job request was duplicated system sent invalid massage(Customer or Help Desk) |
|  |  |

* + 1. Alternate Flow One
    2. Alternate Flow Two

* 1. Use Case: Assign and Solve Jobs typical flow of events

|  |  |
| --- | --- |
| Actor Intentions | System Responsibility |
| 1. Manager signs in the website. | 2. System presents all the open jobs |
| 3. Manager assign jobs to the workers managed by him. | 4. System changes the jobs status to assigned, add the jobs to the workers’ list |
| 5. Worker signs in the website. | 6. System presents all the jobs assigned to this worker. |
| 7. Worker works on the jobs and closes the jobs which he finishes. | 8. System changes the jobs status to closed. |

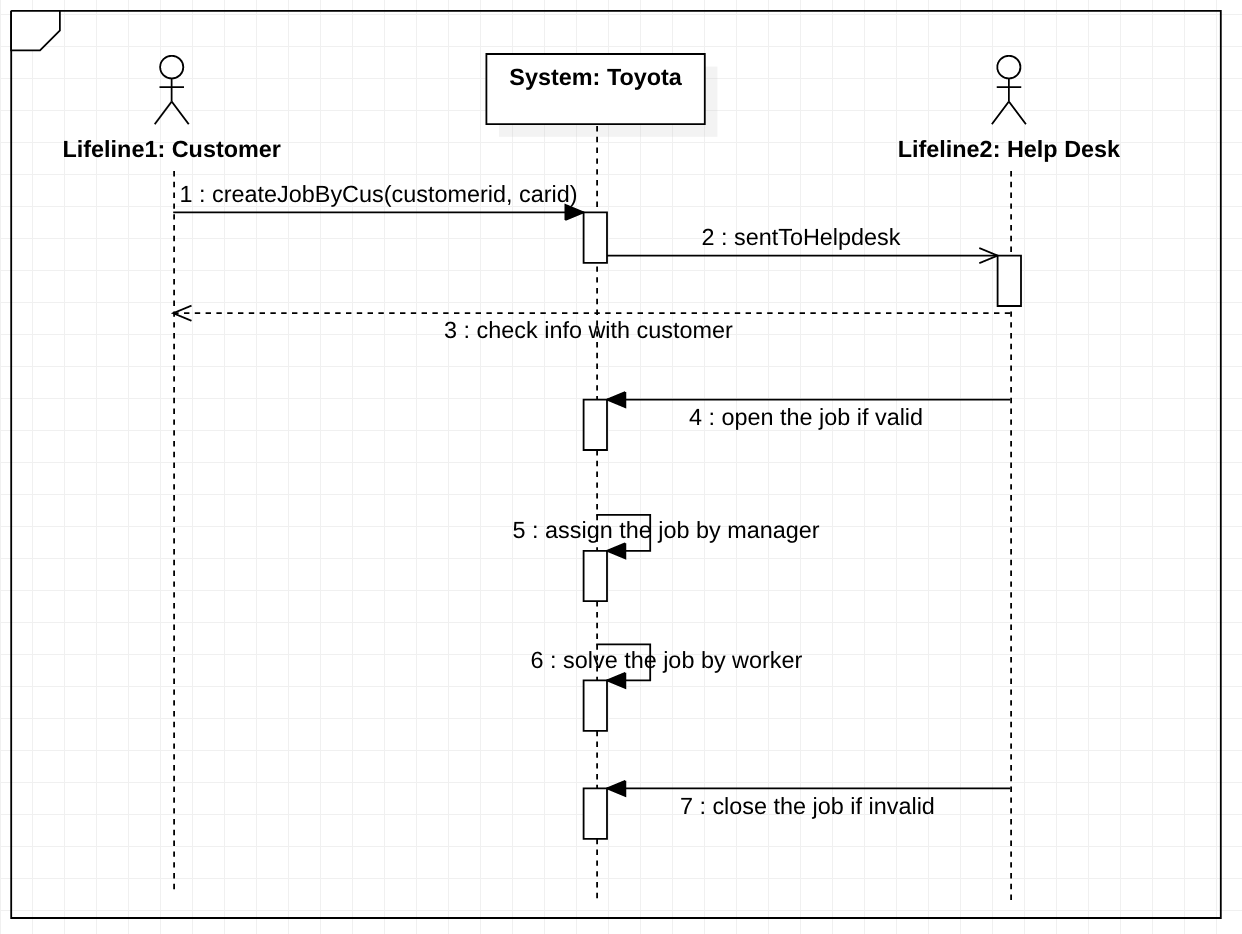
* + 1. Alternate Flow One - manager deals with duplicated jobs

|  |  |
| --- | --- |
| Actor Intentions | System Responsibility |
| 1. Manager signs in the website. | 2. System presents all the open jobs |
| 3. Manager sees duplicated jobs and closes duplicated ones. | 4. System changes the duplicated jobs status to closed |
| 5. Manager assign jobs to the workers managed by him. | 6. System changes the jobs status to assigned, add the jobs to the workers’ list |
| 7. Worker signs in the website. | 8. System presents all the jobs assigned to this worker. |
| 9. Worker works on the jobs and closes the jobs which he finishes. | 10. System changes the jobs status to closed. |

* + 1. Alternate Flow Two - manager deals with jobs’ priority

|  |  |
| --- | --- |
| Actor Intentions | System Responsibility |
| 1. Manager signs in the website. | 2. System presents all the open jobs |
| 3. Manager sees more jobs than which his workers can accomplishes during one work day. |  |
| 4.Manager changes the jobs’ priority to high if he wants his worker do them first. | 5.System changes the jobs’ priority to high. |
| 6. Manager assign jobs to the workers managed by him. | 7. System changes the jobs status to assigned, add the jobs to the workers’ list |
| 7. Worker signs in the website. | 8. System presents all the jobs assigned to this worker and emphasises the high priority ones. |
| 9. Worker works on the jobs and closes the jobs which he finishes. | 10. System changes the jobs status to closed. |

1. System Sequence Diagrams



1. Class Diagram

